

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Rick Shewekah

GENERAL INFORMATION:

Name:	R.R. Donnelley & Sons Company
Address:	Donnelley Drive, Glasgow, Kentucky
Date application received:	December 12, 1997
SIC/Source description:	2752
AFS Plant ID:	21-009-00029
EIS #:	105-0160-0029
Application log number:	F458
Permit number:	V-99-034

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	15.495	83.715
SO ₂	0.066	0.298
NO _x	12.00	69.426
CO	2.590	17.356
VOC	118.34	325.63
LEAD	0.00	0.00
HAP \geq 10 tpy (by CAS)	NA	NA

SOURCE PROCESS DESCRIPTION:

The company is engaged in a commercial printing business which uses the “offset ” lithographic process. The source has ten (10) heatset lithographic presses to print magazines. All ten presses are connected with a collection plenum where the emissions are captured and controlled by 3 thermal oxidizers. The company claims a 95% destruction efficiency.

EMISSION AND OPERATING CAPS DESCRIPTION:

- Presses # 02, 03, 04, 05 and 06 have no emission limitation since no regulation is applicable.
- Press EP# 07 has a VOC emission limitation less than 36 tons per year (Synthtic Minor).
- Press EP# 08 has a VOC emission limitation less than 36 tons per year (Synthtic Minor).
- Press EP# 09 has a VOC emission limitation less than 36 tons per year (Synthtic Minor).
- Press EP# 10 has a VOC emission limitation less than 53 tons per year (Synthtic Minor).
- Press EP# 11 has a VOC emission limitation less than 53 tons per year (Synthtic Minor).